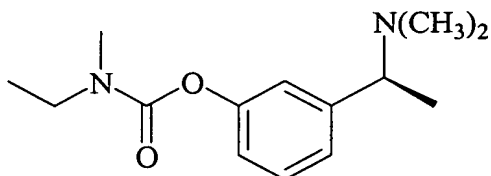


IN THE CLAIMS

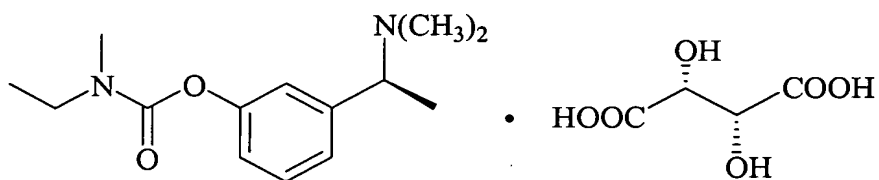
Please amend the claims as follows:

Claim 1 (Currently Amended): A method of production of (-)-(S)-3-[1-(dimethylamino)ethyl]phenyl-N-ethyl-N-methylcarbamate, i.e. rivastigmine of formula II



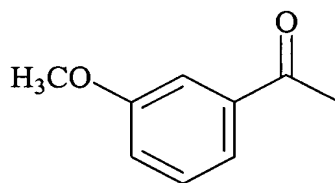
II

or of its hydrogentartrate of formula I



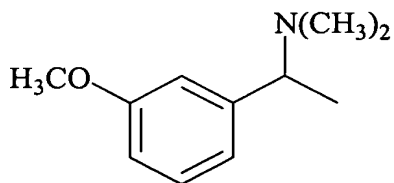
I

comprising, reductively aminating ~~characterized in that~~ methoxyacetophenone of formula VI



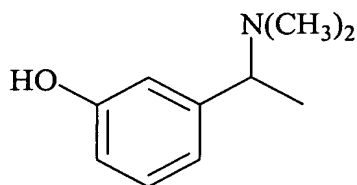
VI

to form ~~is reductively aminated to~~ the compound of formula V



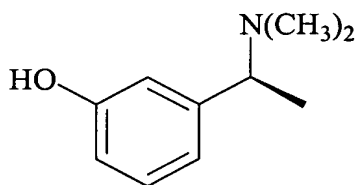
V

which is thereafter O-dealkylated to the racemic amine of formula IV



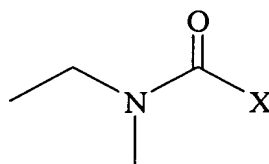
IV

which is further resolved by reacting with an optically active acid, whereafter the desired respective diastereoisomer is crystallized and finally converted into the compound of formula III



III

which, in turn, is reacted, optionally in the form of its alkali salt, with a compound of formula VII



VII

wherein X is a leaving group.

Claim 2 (Currently Amended): The method according to claim 1, wherein  
~~characterized in that~~ the racemic amine of formula IV is resolved by reacting with (S)-(+)-  
camphor-10-sulfonic acid.

Claim 3 (Currently Amended): The method according to claim 2, wherein  
~~characterized in that~~ the racemic amine of formula IV is resolved by reacting with 1  
equivalent of (S)-(+)-camphor-10-sulfonic acid.

Claim 4 (Currently Amended): The method according to claim 2, wherein  
~~characterized in that~~ the racemic amine of formula IV is resolved by reacting with 0.6  
equivalent of (S)-(+)-camphor-10-sulfonic acid.

Claim 5 (Currently Amended): The method according to claim 1 ~~any of preceding~~  
~~claims, wherein characterized in that~~ the obtained desired respective diastereoisomer is  
further re-crystallized.

Claim 6 (Currently Amended): The method according to claim 5, wherein  
~~characterized in that~~ the obtained desired respective diastereoisomer is further re-crystallized  
from ethylacetate, optionally in admixture with ethanol.

Claim 7 (New): The method according to claim 2, wherein the obtained desired  
respective diastereoisomer is further re-crystallized.

Claim 8 (New): The method according to claim 3, wherein the obtained desired  
respective diastereoisomer is further re-crystallized.

Claim 9 (New): The method according to claim 4, wherein the obtained desired  
respective diastereoisomer is further re-crystallized.

Claim 10 (New): The method according to claim 7, wherein the obtained desired respective diastereoisomer is further re-crystallized from ethylacetate, optionally in admixture with ethanol.

Claim 11 (New): The method according to claim 8, wherein the obtained desired respective diastereoisomer is further re-crystallized from ethylacetate, optionally in admixture with ethanol.

Claim 12 (New): The method according to claim 9, wherein the obtained desired respective diastereoisomer is further re-crystallized from ethylacetate, optionally in admixture with ethanol.